

Year 4 Science Assessment: Amazing Plants

Learning objective: To identify the parts of plants, understand their functions, and know what they need to grow.

Read each question carefully. Use the word bank to help you spell tricky words. Write your answers clearly on the lines provided.

Bea the honeybee is busy visiting the garden. She helps plants grow by moving pollen from flower to flower. Every plant has different parts that help it stay healthy and strong.

Word bank: roots · stem · leaves · flowers · water · sunlight · nutrients · pollination

1. 1. Name two things a plant needs to grow and stay healthy. (2 marks)

2. 2. Which part of the plant sucks up water from the soil? (2 marks)

3. 3. What is the job of the leaves on a plant? (3 marks)

4. 4. Bea the bee lands on a flower. Explain why flowers are important for the plant's life cycle. (4 marks)

5. 5. Look at the plant in your garden. Write a short story about how it changes from a tiny seed into a tall plant. Use the words: roots, stem, and leaves. (5 marks)

Draw: Draw a plant and label these parts: roots, stem, leaves, and flower.



Extension challenge: Total: /25. Challenge: Why do some plants die if they are kept in a dark cupboard without any light? Write one sentence.